AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended):   A robot system comprising:

a plurality of teaching pendants held by each of a plurality of operators, wherein

the teaching pendants send out signals for controlling an operation of a single robot

wherein the teaching pendants are used to implement a teaching playback method.

2. (currently amended):   A robot controlling apparatus comprising:

a teaching pendant held by each of a main operator and a subordinate operator, the

teaching pendant held by the main operator comprising a main enabling switch, and the teaching

pendant held by the subordinate operator comprising a subordinate enabling switch; and

a circuit for putting a servo power supply in an ON state, when both the main enabling

switch and the subordinate enabling switch are closed

wherein the teaching pendants are used to implement a teaching playback method.

3. (currently amended):   A robot controlling apparatus for operating a single robot,

the apparatus comprising:

a teaching pendant held by each of a main operator and a subordinate operator, the

teaching pendant held by the main operator comprising a main enabling switch, and the teaching

pendant held by the subordinate operator comprising a subordinate enabling switch; a detection

switch for determining whether or not the subordinate enabling switch is effective;

a first logic circuit for logically summing a first logic state and a second logic state; and

a second logic circuit for obtaining a logical product of a third logical state and a logical

sum output by the first logic circuit by logically summing the first and second logic states,

wherein:

the first logic state corresponds to the opening and closing of the subordinate enabling

switch, the second logic state corresponds to the opening and closing of the detection switch ,

and the third logic state corresponds to the opening and closing of the main enabling switch,

wherein:

a signal is supplied to a servo power supply controlling device that controls an ON/OFF

state of the servo power supply, based on the logical product generated by the second logic

circuit

wherein the teaching pendants are used to implement a teaching playback method.

4. (previously presented): A robot controlling apparatus as claimed in claim 3, wherein

the servo power supply controlling device puts the servo power supply in an ON state in

response to the logical product being a high.

5. (previously presented): A robot controlling apparatus as claimed in claim 3, wherein

the first logic state is a high when the subordinate enabling switch is closed and the first logic

state is a low when the subordinate enabling switch is opened.

6. (previously presented): A robot controlling apparatus as claimed in claim 3, wherein

the second logic state is a high when the detection switch is closed and the detection logic state is

a low when the detection switch is opened.

7. (previously presented): A robot controlling apparatus as claimed in claim 3, wherein

the third logic state is a high when the main enabling switch is closed and the third logic state is a

low when the main enabling switch is opened.